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OM protein - protein search, using sw model

Run on: February 21, 2003, 12:31:38 (without alignments)

3.160 Million cell updates/sec

Title: SHORT-PEP

perfect score: 16

Sequence: 1 rw 2

Scoring table: BLOSUM62

Gapop 10.0 , Gapext 0.5

Searched: 470426 seqs, 90049985 residues

Post-processing: Minimum Match 0%

Maximum Match 10%

Minimum DB seq length: 0

Maximum DB seq length: 5

Number of times a sequence is found in the database: 4630

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Number of times a sequence is found in the database: 4630

pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

Result No.	Score	Query Match Length	DB ID	Description
1	16	100.0	4	PCT-US02-35056-1
2	16	100.0	4	PCT-US02-35056-2
3	16	100.0	4	PCT-US02-35056-3
4	16	100.0	4	PCT-US02-35056-4
5	16	100.0	4	PCT-US02-35056-5
6	16	100.0	4	PCT-US02-35056-6
7	16	100.0	4	PCT-US02-35056-8
8	16	100.0	4	PCT-US02-35056-9
9	16	100.0	4	PCT-US02-35056-10
10	16	100.0	4	PCT-US02-35056-11
11	16	100.0	4	PCT-US02-35056-12
12	16	100.0	4	PCT-US02-35056-13
13	16	100.0	4	PCT-US02-35056-14
14	16	100.0	4	PCT-US02-35056-15
15	16	100.0	4	PCT-US02-35056-16
16	16	100.0	4	PCT-US02-35056-17
17	16	100.0	4	PCT-US02-35056-18
18	16	100.0	4	PCT-US02-35056-19
19	16	100.0	4	PCT-US02-35056-20
20	16	100.0	4	PCT-US02-35056-21
21	16	100.0	4	PCT-US02-35056-22
22	16	100.0	4	PCT-US02-35056-23
23	16	100.0	4	US-09-763-293A-13
24	16	100.0	4	US-09-841-407A-2
25	16	100.0	4	US-09-720-278A-24
26	16	100.0	4	US-09-720-278A-28

1.00 11. 68.8 4 5 US-09-134-003A-31 Sequence 31, Appl

ALIGNMENTS

RESULT 1

PCT-US02-35066-1

; Sequence 1, Application PC/TUS0235066

; GENERAL INFORMATION:

; APPLICANT: Hercules Incorporated

; TITLE OF INVENTION: Composition and Methods of Use of Peptides in Combination with Bi

; TITLE OF INVENTION: and/or Germicides

; FILE REFERENCE: 10209

; CURRENT APPLICATION NUMBER: PCT/TUS02/35066

; CURRENT FILING DATE: 2002-10-31

; PRIORITY APPLICATION NUMBER: US 10/005,931

PRIOR FILING DATE: 2001-11-12

NUMBER OF SEQ ID NOS: 28

SOFTWARE: PatentIn version 3.1

SEQ ID NO 1

LENGTH: 4

QY 1 RW 2

Db 1 RW 2

TYPE: PRT

ORGANISM: Artificial Sequence

FEATURE:

; OTHER INFORMATION: Synthetic peptide

PCT-US02-35066-1

RESULT 2

PCT-US02-35066-2

; Sequence 2, Application PC/TUS0235066

; GENERAL INFORMATION:

; APPLICANT: Hercules Incorporated

; TITLE OF INVENTION: Composition and Methods of Use of Peptides in Combination with Bi

; TITLE OF INVENTION: and/or Germicides

; FILE REFERENCE: 10209

; CURRENT APPLICATION NUMBER: PCT/TUS02/35066

CURRENT FILING DATE: 2002-10-31

PRIOR APPLICATION NUMBER: US 10/005,931

PRIOR FILING DATE: 2001-11-12

NUMBER OF SEQ ID NOS: 28

SOFTWARE: PatentIn version 3.1

SEQ ID NO 2

LENGTH: 4

QY 1 RW 2

Db 1 RW 2

TYPE: PRT

ORGANISM: Artificial Sequence

FEATURE:

; OTHER INFORMATION: Synthetic peptide

PCT-US02-35066-2

RESULT 4

PCT-US02-35066-4

; Sequence 4, Application PC/TUS0235066

; GENERAL INFORMATION:

; APPLICANT: Hercules Incorporated

; TITLE OF INVENTION: Composition and Methods of Use of Peptides in Combination with Bi

; TITLE OF INVENTION: and/or Germicides

; FILE REFERENCE: 10209

; CURRENT APPLICATION NUMBER: PCT/TUS02/35066

CURRENT FILING DATE: 2002-10-31

PRIOR APPLICATION NUMBER: US 10/005,931

PRIOR FILING DATE: 2001-11-12

NUMBER OF SEQ ID NOS: 28

SOFTWARE: PatentIn version 3.1

SEQ ID NO 4

LENGTH: 4

QY 1 RW 2

Db 1 RW 2

TYPE: PRT

ORGANISM: Artificial Sequence

FEATURE:

; OTHER INFORMATION: Synthetic peptide

PCT-US02-35066-4

RESULT 5

PCT-US02-35066-5

; Sequence 5, Application PC/TUS0235066

; GENERAL INFORMATION:

; APPLICANT: Hercules Incorporated

; TITLE OF INVENTION: Composition and Methods of Use of Peptides in Combination with Bi

; TITLE OF INVENTION: and/or Germicides

; FILE REFERENCE: 10209

; CURRENT APPLICATION NUMBER: PCT/TUS02/35066

CURRENT FILING DATE: 2002-10-31

PRIOR APPLICATION NUMBER: US 10/005,931

PRIOR FILING DATE: 2001-11-12

NUMBER OF SEQ ID NOS: 28

SOFTWARE: PatentIn version 3.1

SEQ ID NO 5

LENGTH: 4

QY 1 RW 2

Db 1 RW 2

TYPE: PRT

ORGANISM: Artificial Sequence

FEATURE:

; OTHER INFORMATION: Synthetic peptide

PCT-US02-35066-5

RESULT 3

PCT-US02-35066-3

; Sequence 3, Application PC/TUS0235066

; GENERAL INFORMATION:

; APPLICANT: Hercules Incorporated

```

; TYPE: PRT
; ORGANISM: Artificial Sequence
; FEATURE: 
; OTHER INFORMATION: Synthetic peptide
PCT-US02-35066-5

Query Match 100.0%; Score 16; DB 1; Length 4;
Best Local Similarity 100.0%; Pred. No. 3.9e+05;
Matches 2; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
Qy 1 RW 2
Db 1 RW 2

RESULT 6
PCT-US02-35066-6
; Sequence 6, Application PC/TUS0235066
; GENERAL INFORMATION:
; APPLICANT: Hercules Incorporated
; TITLE OF INVENTION: Composition and Methods of Use of Peptides in Combination with Bi
; TITLE OF INVENTION: Composition and Methods of Use of Peptides in Combination with Bi
; TITLE OF INVENTION: and/or Germicides
; FILE REFERENCE: 10209
; CURRENT APPLICATION NUMBER: PCT/US02/35066
; CURRENT FILING DATE: 2002-10-31
; PRIOR APPLICATION NUMBER: US 10/005, 931
; NUMBER OF SEQ ID NOS: 28
; SEQ ID NO 6
; LENGTH: 4
; TYPE: PRT
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic peptide
PCT-US02-35066-6

Query Match 100.0%; Score 16; DB 1; Length 4;
Best Local Similarity 100.0%; Pred. No. 3.9e+05;
Matches 2; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
Qy 1 RW 2
Db 1 RW 2

RESULT 7
PCT-US02-35066-8
; Sequence 8, Application PC/TUS0235066
; GENERAL INFORMATION:
; APPLICANT: Hercules Incorporated
; TITLE OF INVENTION: Composition and Methods of Use of Peptides in Combination with Bi
; TITLE OF INVENTION: Composition and Methods of Use of Peptides in Combination with Bi
; TITLE OF INVENTION: and/or Germicides
; FILE REFERENCE: 10209
; CURRENT APPLICATION NUMBER: PCT/US02/35066
; CURRENT FILING DATE: 2002-10-31
; PRIOR APPLICATION NUMBER: US 10/005, 931
; NUMBER OF SEQ ID NOS: 28
; SEQ ID NO 8
; LENGTH: 4
; TYPE: PRT
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic peptide
PCT-US02-35066-8

Query Match 100.0%; Score 16; DB 1; Length 4;
Best Local Similarity 100.0%; Pred. No. 3.9e+05;
Matches 2; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
Qy 1 RW 2
Db 1 RW 2

RESULT 8
PCT-US02-35066-9
; Sequence 9, Application PC/TUS0235066
; GENERAL INFORMATION:
; APPLICANT: Hercules Incorporated
; TITLE OF INVENTION: Composition and Methods of Use of Peptides in Combination with Bi
; TITLE OF INVENTION: and/or Germicides
; FILE REFERENCE: 10209
; CURRENT APPLICATION NUMBER: PCT/US02/35066
; CURRENT FILING DATE: 2002-10-31
; PRIOR APPLICATION NUMBER: US 10/005, 931
; NUMBER OF SEQ ID NOS: 28
; SEQ ID NO 9
; LENGTH: 4
; TYPE: PRT
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic peptide
PCT-US02-35066-9

Query Match 100.0%; Score 16; DB 1; Length 4;
Best Local Similarity 100.0%; Pred. No. 3.9e+05;
Matches 2; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
Qy 1 RW 2
Db 1 RW 2

RESULT 9
PCT-US02-35066-10
; Sequence 10, Application PC/TUS0235066
; GENERAL INFORMATION:
; APPLICANT: Hercules Incorporated
; TITLE OF INVENTION: Composition and Methods of Use of Peptides in Combination with Bi
; TITLE OF INVENTION: Composition and Methods of Use of Peptides in Combination with Bi
; TITLE OF INVENTION: and/or Germicides
; FILE REFERENCE: 10209
; CURRENT APPLICATION NUMBER: PCT/US02/35066
; CURRENT FILING DATE: 2002-10-31
; PRIOR APPLICATION NUMBER: US 10/005, 931
; NUMBER OF SEQ ID NOS: 28
; SEQ ID NO 10
; LENGTH: 4
; TYPE: PRT
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic peptide
PCT-US02-35066-10

Query Match 100.0%; Score 16; DB 1; Length 4;
Best Local Similarity 100.0%; Pred. No. 3.9e+05;
Matches 2; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
Qy 1 RW 2
Db 1 RW 2

RESULT 10
PCT-US02-35066-11
; Sequence 11, Application PC/TUS0235066
; GENERAL INFORMATION:
; APPLICANT: Hercules Incorporated
; TITLE OF INVENTION: Composition and Methods of Use of Peptides in Combination with Bi
; TITLE OF INVENTION: and/or Germicides
; FILE REFERENCE: 10209
; CURRENT APPLICATION NUMBER: PCT/US02/35066
; CURRENT FILING DATE: 2002-10-31
; PRIOR APPLICATION NUMBER: US 10/005, 931
; NUMBER OF SEQ ID NOS: 28
; SEQ ID NO 11
; LENGTH: 4
; TYPE: PRT
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic peptide
PCT-US02-35066-11

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short-pep.short.rapn

CURRENT APPLICATION NUMBER: PCT/US02/35066
 CURRENT FILING DATE: 2002-10-31
 PRIOR APPLICATION NUMBER: US 10/005, 931
 PRIOR FILING DATE: 2001-11-12
 NUMBER OF SEQ ID NOS: 28
 SOFTWARE: PatentIn version 3.1
 SEQ ID NO: 11
 LENGTH: 4
 TYPE: PRT
 ORGANISM: Artificial Sequence
 FEATURE:
 OTHER INFORMATION: Synthetic peptide
 PCT-US02-35066-11
 Query Match 100.0%; Score 16; DB 1; Length 4;
 Best Local Similarity 100.0%; Pred. No. 3.9e+05;
 Matches 2; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
 QY 1 RW 2
 Db 1 RW 2
 RESULT 11
 PCT-US02-35066-12
 Sequence 12, Application PC/US0235066
 GENERAL INFORMATION:
 APPLICANT: Hercules Incorporated
 TITLE OF INVENTION: Composition and Methods of Use of Peptides in Combination with Bi
 FILE REFERENCE: 10209
 CURRENT APPLICATION NUMBER: PCT/US02/35066
 CURRENT FILING DATE: 2002-10-31
 PRIOR APPLICATION NUMBER: US 10/005, 931
 NUMBER OF SEQ ID NOS: 28
 SEQ ID NO: 12
 LENGTH: 4
 TYPE: PRT
 ORGANISM: Artificial Sequence
 FEATURE:
 OTHER INFORMATION: Synthetic peptide
 PCT-US02-35066-12
 Query Match 100.0%; Score 16; DB 1; Length 4;
 Best Local Similarity 100.0%; Pred. No. 3.9e+05;
 Matches 2; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
 QY 1 RW 2
 Db 1 RW 2
 RESULT 12
 PCT-US02-35066-13
 Sequence 13, Application PC/US0235066
 GENERAL INFORMATION:
 APPLICANT: Hercules Incorporated
 TITLE OF INVENTION: Composition and Methods of Use of Peptides in Combination with Bi
 FILE REFERENCE: 10209
 CURRENT APPLICATION NUMBER: PCT/US02/35066
 CURRENT FILING DATE: 2002-10-31
 PRIOR APPLICATION NUMBER: US 10/005, 931
 PRIOR FILING DATE: 2001-11-12
 NUMBER OF SEQ ID NOS: 28
 SOFTWARE: PatentIn version 3.1
 SEQ ID NO: 13
 LENGTH: 4
 TYPE: PRT
 ORGANISM: Artificial Sequence
 FEATURE:
 OTHER INFORMATION: Synthetic peptide
 PCT-US02-35066-14
 Query Match 100.0%; Score 16; DB 1; Length 4;
 Best Local Similarity 100.0%; Pred. No. 3.9e+05;
 Matches 2; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
 QY 1 RW 2
 Db 1 RW 2
 RESULT 13
 PCT-US02-35066-14
 Sequence 14, Application PC/US0235066
 GENERAL INFORMATION:
 APPLICANT: Hercules Incorporated
 TITLE OF INVENTION: Composition and Methods of Use of Peptides in Combination with Bi
 FILE REFERENCE: 10209
 CURRENT APPLICATION NUMBER: PCT/US02/35066
 CURRENT FILING DATE: 2002-10-31
 PRIOR APPLICATION NUMBER: US 10/005, 931
 PRIOR FILING DATE: 2001-11-12
 NUMBER OF SEQ ID NOS: 28
 SOFTWARE: PatentIn version 3.1
 SEQ ID NO: 14
 LENGTH: 4
 TYPE: PRT
 ORGANISM: Artificial Sequence
 FEATURE:
 OTHER INFORMATION: Synthetic peptide
 PCT-US02-35066-14
 Query Match 100.0%; Score 16; DB 1; Length 4;
 Best Local Similarity 100.0%; Pred. No. 3.9e+05;
 Matches 2; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
 QY 1 RW 2
 Db 1 RW 2
 RESULT 14
 PCT-US02-35066-15
 Sequence 15, Application PC/US0235066
 GENERAL INFORMATION:
 APPLICANT: Hercules Incorporated
 TITLE OF INVENTION: Composition and Methods of Use of Peptides in Combination with Bi
 FILE REFERENCE: 10209
 CURRENT APPLICATION NUMBER: PCT/US02/35066
 CURRENT FILING DATE: 2002-10-31
 PRIOR APPLICATION NUMBER: US 10/005, 931
 PRIOR FILING DATE: 2001-11-12
 NUMBER OF SEQ ID NOS: 28
 SOFTWARE: PatentIn version 3.1
 SEQ ID NO: 15
 LENGTH: 4
 TYPE: PRT
 ORGANISM: Artificial Sequence
 FEATURE:
 OTHER INFORMATION: Synthetic peptide
 PCT-US02-35066-15
 Query Match 100.0%; Score 16; DB 1; Length 4;
 Best Local Similarity 100.0%; Pred. No. 3.9e+05;
 Matches 2; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
 QY 1 RW 2
 Db 1 RW 2

RESULT 15
 PCT-US02-35066-15
 Sequence 16, Application PC/US0235066
 ; GENERAL INFORMATION:
 ; APPLICANT: Hercules Incorporated
 ; TITLE OF INVENTION: Composition and Methods of Use of Peptides in Combination with Bi
 ; FILE REFERENCE: 10209
 ; CURRENT APPLICATION NUMBER: PCT/US02/35066
 ; CURRENT FILING DATE: 2002-10-31
 ; PRIORITY APPLICATION NUMBER: US 10/005, 931
 ; PRIORITY FILING DATE: 2001-11-12
 ; NUMBER OF SEQ ID NOS: 28
 ; SOFTWARE: PatentIn version 3.1
 ; SEQ ID NO 16
 LENGTH: 4
 TYPE: PRT
 FEATURE:
 ; ORGANISM: Artificial Sequence
 ; OTHER INFORMATION: Synthetic peptide

PCT-US02-35066-16

Query Match 100.0%; Score 16; DB 1; Length 4;
 Best Local Similarity 100.0%; Pred. No. 3.9e+05;
 Matches 2; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
 QY 1 RW 2
 Db 1 RW 2

RESULT 16
 PCT-US02-35066-17
 ; Sequence 17, Application PC/US0235066
 ; GENERAL INFORMATION:
 ; APPLICANT: Hercules Incorporated
 ; TITLE OF INVENTION: Composition and Methods of Use of Peptides in Combination with Bi
 ; FILE REFERENCE: 10209
 ; CURRENT APPLICATION NUMBER: PCT/US02/35066
 ; CURRENT FILING DATE: 2002-10-31
 ; PRIORITY APPLICATION NUMBER: US 10/005, 931
 ; PRIORITY FILING DATE: 2001-11-12
 ; NUMBER OF SEQ ID NOS: 28
 ; SOFTWARE: PatentIn version 3.1
 ; SEQ ID NO 17
 LENGTH: 4
 TYPE: PRT
 FEATURE:
 ; ORGANISM: Artificial Sequence
 ; OTHER INFORMATION: Synthetic peptide

PCT-US02-35066-17

Query Match 100.0%; Score 16; DB 1; Length 4;
 Best Local Similarity 100.0%; Pred. No. 3.9e+05;
 Matches 2; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
 QY 1 RW 2
 Db 1 RW 2

RESULT 17
 PCT-US02-35066-18
 ; Sequence 18, Application PC/US0235066
 ; GENERAL INFORMATION:
 ; APPLICANT: Hercules Incorporated
 ; TITLE OF INVENTION: Composition and Methods of Use of Peptides in Combination with Bi
 ; FILE REFERENCE: 10209
 ; CURRENT APPLICATION NUMBER: PCT/US02/35066
 ; CURRENT FILING DATE: 2002-10-31
 ; PRIORITY APPLICATION NUMBER: US 10/005, 931
 ; PRIORITY FILING DATE: 2001-11-12
 ; NUMBER OF SEQ ID NOS: 28
 ; SOFTWARE: PatentIn version 3.1
 ; SEQ ID NO 20
 LENGTH: 4
 TYPE: PRT
 FEATURE:
 ; ORGANISM: Artificial Sequence
 ; OTHER INFORMATION: Synthetic peptide

RESULT 18
 PCT-US02-35066-19
 ; Sequence 19, Application PC/US0235066
 ; GENERAL INFORMATION:
 ; APPLICANT: Hercules Incorporated
 ; TITLE OF INVENTION: Composition and Methods of Use of Peptides in Combination with Bi
 ; FILE REFERENCE: 10209
 ; CURRENT APPLICATION NUMBER: PCT/US02/35066
 ; CURRENT FILING DATE: 2002-10-31
 ; PRIORITY APPLICATION NUMBER: US 10/005, 931
 ; PRIORITY FILING DATE: 2001-11-12
 ; NUMBER OF SEQ ID NOS: 28
 ; SOFTWARE: PatentIn version 3.1
 ; SEQ ID NO 19
 LENGTH: 4
 TYPE: PRT
 FEATURE:
 ; ORGANISM: Artificial Sequence
 ; OTHER INFORMATION: Synthetic peptide

PCT-US02-35066-19

Query Match 100.0%; Score 16; DB 1; Length 4;
 Best Local Similarity 100.0%; Pred. No. 3.9e+05;
 Matches 2; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
 QY 1 RW 2
 Db 1 RW 2

RESULT 19
 PCT-US02-35066-20
 ; Sequence 20, Application PC/US0235066
 ; GENERAL INFORMATION:
 ; APPLICANT: Hercules Incorporated
 ; TITLE OF INVENTION: Composition and Methods of Use of Peptides in Combination with Bi
 ; FILE REFERENCE: 10209
 ; CURRENT APPLICATION NUMBER: PCT/US02/35066
 ; CURRENT FILING DATE: 2002-10-31
 ; PRIORITY APPLICATION NUMBER: US 10/005, 931
 ; PRIORITY FILING DATE: 2001-11-12
 ; NUMBER OF SEQ ID NOS: 28
 ; SOFTWARE: PatentIn version 3.1
 ; SEQ ID NO 20
 LENGTH: 4
 TYPE: PRT
 FEATURE:
 ; ORGANISM: Artificial Sequence
 ; OTHER INFORMATION: Synthetic peptide

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NAME/KEY: misc_feature
LOCATION: (3).-(3)
; OTHER INFORMATION: xaa is Nal
; PCT-US02-35066-20

Query Match 100.0%; Score 16; DB 1; length 4;
Best Local Similarity 100.0%; Pred. No. 3.9e-05; Mismatches 0;
Matches 2; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
Db 1 RW 2

RESULT 20
PCT-US02-35066-21
; Sequence 21, Application PC/TUS0235066
; GENERAL INFORMATION:
; APPLICANT: HERCULES INCORPORATED
; TITLE OF INVENTION: Composition and Methods of Use of Peptides in Combination with Bi
; FILE REFERENCE: 10209
; CURRENT APPLICATION NUMBER: PCT/US02/35066
; CURRENT FILING DATE: 2002-10-31
; PRIOR APPLICATION NUMBER: US 10/005,931
; PRIOR FILING DATE: 2001-11-12
; NUMBER OF SEQ ID NOS: 28
; SOFTWARE: Patentin version 3.1
; SEQ ID NO 21
; LENGTH: 4
; TYPE: PRT
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic peptide
; PCT-US02-35066-21

RESULT 21
Query Match 100.0%; Score 16; DB 1; length 4;
Best Local Similarity 100.0%; Pred. No. 3.9e-05; Mismatches 0; Indels 0; Gaps 0;
Matches 2; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
Oy 1 RW 2
Db 1 RW 2

RESULT 22
PCT-US02-35066-22
; Sequence 22, Application PC/TUS0235066
; GENERAL INFORMATION:
; APPLICANT: HERCULES INCORPORATED
; TITLE OF INVENTION: Composition and Methods of Use of Peptides in Combination with Bi
; FILE REFERENCE: 10209
; CURRENT APPLICATION NUMBER: PCT/US02/35066
; CURRENT FILING DATE: 2002-10-31
; PRIOR APPLICATION NUMBER: US 10/005,931
; PRIOR FILING DATE: 2001-11-12
; NUMBER OF SEQ ID NOS: 28
; SOFTWARE: Patentin version 3.1
; SEQ ID NO 22
; LENGTH: 4
; TYPE: PRT
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic peptide
; PCT-US02-35066-22

RESULT 23
US-09-763-293A-13
; Sequence 13, Application US/09763293A
; GENERAL INFORMATION:
; APPLICANT: LIDER, Ofer
; APPLICANT: ARIEL, Amiram
; APPLICANT: HERSHKOVITZ, Rami
; APPLICANT: YAVIN, Eran J.
; APPLICANT: FRIDKIN, Matityahu
; TITLE OF INVENTION: Anti-inflammatory peptides derived from IL-2 and
; TITLE OF INVENTION: analogues thereof
; FILE REFERENCE: LIDER=1
; CURRENT APPLICATION NUMBER: US/09/763,293A
; CURRENT FILING DATE: 2001-02-21
; PRIOR APPLICATION NUMBER: PCT/IL99/00448
; PRIOR FILING DATE: 1999-08-19
; NUMBER OF SEQ ID NOS: 39
; SOFTWARE: Patentin ver. 2.1
; SEQ ID NO 13
; LENGTH: 4
; TYPE: PRT
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: synthetic
; US-09-763-293A-13

Query Match 100.0%; Score 16; DB 5; length 4;
Best Local Similarity 100.0%; Pred. No. 3.9e-05; Mismatches 0; Indels 0; Gaps 0;
Matches 2; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
Oy 1 RW 2
Db 1 RW 2

RESULT 24
US-09-841-407A-2
; Sequence 2, Application US/09841407A
; PCT-US02-35066-20

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GENERAL INFORMATION:
 APPLICANT: Jurison, Silvia
 APPLICANT: Giblin, Michael
 APPLICANT: Quinn, Thomas

TITLE OF INVENTION: TREATMENT OF MELANOMA
 FILE REFERENCE: 0994-00130
 CURRENT APPLICATION NUMBER: US/09/841,407A
 CURRENT FILING DATE: 2001-04-24
 PRIOR APPLICATION NUMBER: 09/070,276
 PRIOR FILING DATE: 1998-04-30
 NUMBER OF SEQ ID NOS: 6
 SOFTWARE: PatentIn version 3.0
 SEQ ID NO: 2
 LENGTH: 4
 TYPE: PRT
 ORGANISM: homo sapien
 US-09-841-407A-2

Query Match 100.0%; Score 16; DB 5; Length 4;
 Best Local Similarity 100.0%; Pred. No. 3.9e+05;
 Matches 2; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
 QY 1 RW 2
 Db 3 RW 4

RESULT 25
 US-09-720-278A-24
 Sequence 24, Application US/09720278A
 GENERAL INFORMATION:
 APPLICANT: Swart, Pieter Jacob
 APPLICANT: Kuipers, Maria Elizabeth
 APPLICANT: Kuijpers, Maria Elizabedh
 APPLICANT: Meijer, Dirk Klaas Fokke
 APPLICANT: Hageman, Robert Johan Joseph
 APPLICANT: Van Den Berg, Jeroen Johannes Maria
 APPLICANT: Van Den Berg, Jeroen Johannes Maria
 TITLE OF INVENTION: Preventing surface infections caused by microorganisms or
 TITLE OF INVENTION: preventing surface infections caused by microorganisms
 FILE REFERENCE: 702-002214
 CURRENT APPLICATION NUMBER: US/09/720-278A
 CURRENT FILING DATE: 2001-05-24
 PRIOR APPLICATION NUMBER: PCT/EP99/04067
 PRIOR FILING DATE: 1999-06-28
 PRIOR APPLICATION NUMBER: EP 98203765.7
 PRIOR FILING DATE: 1998-11-06
 PRIOR APPLICATION NUMBER: NL 1010284
 PRIOR FILING DATE: 1998-10-09
 PRIOR APPLICATION NUMBER: NL 1009505
 PRIOR FILING DATE: 1998-06-26
 NUMBER OF SEQ ID NOS: 28
 SOFTWARE: Microsoft Word 97 SR-2
 SEQ ID NO: 24
 LENGTH: 4
 TYPE: PRT
 FEATURE:
 OTHER INFORMATION: Description of Artificial Sequence: polypeptide
 US-09-720-278A-28

Query Match 100.0%; Score 16; DB 5; Length 4;
 Best Local Similarity 100.0%; Pred. No. 3.9e+05;
 Matches 2; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
 QY 1 RW 2
 Db 2 RW 3

RESULT 27
 US-10-059-056-2659
 Sequence 2659, Application US/10099056
 GENERAL INFORMATION:
 APPLICANT: Hydrolgenics
 APPLICANT: Pierre Legrain
 TITLE OF INVENTION: More and more protein-protein interactions in adipocyte cells
 FILE REFERENCE: B438A
 CURRENT APPLICATION NUMBER: US/10/099,056
 CURRENT FILING DATE: 2002-03-14
 PRIOR APPLICATION NUMBER: US 60/275,734
 PRIOR FILING DATE: 2001-03-14
 NUMBER OF SEQ ID NOS: 2850
 SOFTWARE: PatentIn version 3.1
 SEQ ID NO: 2659
 LENGTH: 4
 TYPE: PRT
 FEATURE:
 ORGANISM: Homo Sapiens
 OTHER INFORMATION: Translation of SEQ ID NO:691
 US-10-059-056-2659

Query Match 100.0%; Score 16; DB 5; Length 4;
 Best Local Similarity 100.0%; Pred. No. 3.9e+05;
 Matches 2; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
 QY 1 RW 2
 Db 2 RW 3

RESULT 28
 US-09-720-278A-1
 Sequence 1, Application US/09720278A
 GENERAL INFORMATION:
 APPLICANT: Swart, Pieter Jacob

RESULT 26
 US-09-720-278A-28
 Sequence 28, Application US/09720278A

GENERAL INFORMATION:
 ; GENERAL INFORMATION:

Db 1 ||
 US-09-720-278A-23
 RESULT 30
 Sequence 23; Application US/09/20278A
 ; GENERAL INFORMATION:
 ; APPLICANT: Swart, Pieter Jacob
 ; APPLICANT: Kuijpers, Maria Elizabeth
 ; APPLICANT: Meijer, Dirk Klaas Fokke
 ; APPLICANT: Hageman, Robert Johan Joseph
 ; TITLE OF INVENTION: Pharmaceutical preparations for use in combatting or preventing surface infections caused by microorganisms
 ; FILE REFERENCE: 702-002214
 ; CURRENT FILING DATE: 2001-05-24
 ; PRIOR APPLICATION NUMBER: PCT/EP99/04067
 ; PRIOR FILING DATE: 1998-10-09
 ; PRIOR APPLICATION NUMBER: NL 1009505
 ; PRIOR FILING DATE: 1998-06-26
 ; NUMBER OF SEQ ID NOS: 28
 ; SOFTWARE: Microsoft Word 97 SR-2
 ; SEQ ID NO 1
 ; LENGTH: 5
 ; TYPE: PRT
 ; ORGANISM: Artificial Sequence
 ; FEATURE:
 ; OTHER INFORMATION: Description of Artificial Sequence: polypeptide
 ; US-09-720-278A-1
 ;
 Query Match 100.0%; Score 16; DB 5; Length 5;
 Best Local Similarity 100.0%; Pred. No. 3.9e+05;
 Matches 2; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
 Qy 1 RW 2
 Db 1 RW 2
 ;
 RESULT 29
 US-09-720-278A-5
 ; Sequence 5, Application US/09/20278A
 ; GENERAL INFORMATION:
 ; APPLICANT: Swart, Pieter Jacob
 ; APPLICANT: Kuijpers, Maria Elizabeth
 ; APPLICANT: Meijer, Dirk Klaas Fokke
 ; APPLICANT: Hageman, Robert Johan Joseph
 ; APPLICANT: Van Den Berg, Jeroen Johannes Maria
 ; TITLE OF INVENTION: Pharmaceutical preparations for use in combatting or preventing surface infections caused by microorganisms
 ; FILE REFERENCE: 702-002214
 ; CURRENT FILING DATE: 2001-05-24
 ; PRIOR APPLICATION NUMBER: PCT/EP99/04067
 ; PRIOR FILING DATE: 1998-06-28
 ; PRIOR APPLICATION NUMBER: EP 98203765.7
 ; PRIOR FILING DATE: 1998-11-06
 ; PRIOR APPLICATION NUMBER: NL 1009505
 ; PRIOR FILING DATE: 1998-10-09
 ; NUMBER OF SEQ ID NOS: 28
 ; SOFTWARE: Microsoft Word 97 SR-2
 ; SEQ ID NO 23
 ; LENGTH: 5
 ; TYPE: PRT
 ; ORGANISM: Artificial Sequence
 ; FEATURE:
 ; OTHER INFORMATION: Description of Artificial Sequence: polypeptide
 ; US-09-720-278A-23
 ;
 Query Match 100.0%; Score 16; DB 5; Length 5;
 Best Local Similarity 100.0%; Pred. No. 3.9e+05;
 Matches 2; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
 Qy 1 RW 2
 Db 2 RW 3
 ;
 RESULT 31
 US-09-720-278A-27
 ; Sequence 27, Application US/09/20278A
 ; GENERAL INFORMATION:
 ; APPLICANT: Swart, Pieter Jacob
 ; APPLICANT: Kuijpers, Maria Elizabeth
 ; APPLICANT: Meijer, Dirk Klaas Fokke
 ; APPLICANT: Hageman, Robert Johan Joseph
 ; APPLICANT: Van Den Berg, Jeroen Johannes Maria
 ; TITLE OF INVENTION: Pharmaceutical preparations for use in combatting or preventing surface infections caused by microorganisms
 ; FILE REFERENCE: 702-002214
 ; CURRENT FILING NUMBER: US/09/720-278A
 ; CURRENT FILING DATE: 2001-05-24
 ; PRIOR APPLICATION NUMBER: PCT/EP99/04067
 ; PRIOR FILING DATE: 1998-06-28
 ; NUMBER OF SEQ ID NOS: 28
 ; SOFTWARE: Microsoft Word 97 SR-2
 ; SEQ ID NO 5
 ; LENGTH: 5
 ; TYPE: PRT
 ; ORGANISM: Artificial Sequence
 ; FEATURE:
 ; OTHER INFORMATION: Description of Artificial Sequence: polypeptide
 ; US-09-720-278A-5
 ;
 Query Match 100.0%; Score 16; DB 5; Length 5;
 Best Local Similarity 100.0%; Pred. No. 3.9e+05;
 Matches 2; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
 Qy 1 RW 2
 ;
 ;

FEATURE: OTHER INFORMATION: Description of Artificial Sequence: polypeptide
US-09-720-278A-27

Query Match, Best Local Similarity 100.0%; Score 16; DB 5; Length 5;
Matches 2; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
Qy 1 RW 2
Db 2 RW 3

RESULT 32
US-09-636-243B-56

Sequence 56, Application US/09636243B
GENERAL INFORMATION:
APPLICANT: WANG, BRYAN S.
APPLICANT: PABO, CARL O.
TITLE OF INVENTION: DIMERIZING PEPTIDES
FILE REFERENCE: 8325-1004 / M4-US1
CURRENT APPLICATION NUMBER: US/09/636, 243B
CURRENT FILING DATE: 2000-08-10
PRIOR APPLICATION NUMBER: 60/148, 422
PRIOR FILING DATE: 1999-08-11
NUMBER OF SEQ ID NOS: 83
SOFTWARE: PatentIn Ver. 2.0
SEQ ID NO 56
LENGTH: 5

TYPE: PRT
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Description of Artificial Sequence: sequential

US-09-636-243B-56

Query Match, Best Local Similarity 100.0%; Score 16; DB 5; Length 5;
Matches 2; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
Qy 1 RW 2
Db 2 RW 3

RESULT 33
US-09-636-243B-57

Sequence 57, Application US/09636243B
GENERAL INFORMATION:
APPLICANT: WANG, BRYAN S.
APPLICANT: PABO, CARL O.
TITLE OF INVENTION: DIMERIZING PEPTIDES
FILE REFERENCE: 8325-1004 / M4-US1
CURRENT APPLICATION NUMBER: US/09/636, 243B
CURRENT FILING DATE: 2000-08-10
PRIOR APPLICATION NUMBER: 60/148, 422
PRIOR FILING DATE: 1999-08-11
NUMBER OF SEQ ID NOS: 83
SOFTWARE: PatentIn Ver. 2.0
SEQ ID NO 57
LENGTH: 5

TYPE: PRT
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Description of Artificial Sequence: sequential

US-09-636-243B-57

Query Match, Best Local Similarity 100.0%; Score 16; DB 5; Length 5;
Matches 2; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
Qy 1 RW 2
Db 2 RW 3

RESULT 34
US-10-174-717A-43

Sequence 43, Application US/10174717A
APPLICANT: Koide, Shohel
TITLE OF INVENTION: ARTIFICIAL ANTIBODY POLYPEPTIDES
NUMBER OF SEQUENCES: 118
CORRESPONDENCE ADDRESS:
ADDRESSEE: Schwegman, Lundberg, Woessner & Kluth P.A.
STREET: 121 South Eighth Street, St. 1600
CITY: Minneapolis
STATE: MN
COUNTRY: USA
ZIP: 55402

COMPUTER READABLE FORM:
MEDIUM TYPE: Diskette
COMPUTER: IBM compatible
OPERATING SYSTEM: WINDOWS
SOFTWARE: FASTSEQ Version 2.0b
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/10/174,717A
FILING DATE: 18-Jun-2002
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 09/096,749
FILING DATE: June 12, 1998
APPLICATION NUMBER: 60/049,410
FILING DATE: June 12, 1997
ATTORNEY/AGENT INFORMATION:
NAME: Ann S. Vicksins
REGISTRATION NUMBER: 37,748
SEQUENCE CHARACTERISTICS:
REFERENCE/DOCKET NUMBER: 109-034US4
TELECOMMUNICATION INFORMATION:
TELEPHONE: (612) 373-6900
FAX: (612) 339-3061
INFORMATION FOR SEQ ID NO: 43:
SEQUENCE CHARACTERISTICS:
LENGTH: 5 amino acids
TYPE: amino acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: peptide
HYPOTHETICAL: NO
ANTI-SENSE: NO
FRAGMENT TYPE: internal
ORIGINAL SOURCE:
SEQUENCE DESCRIPTION: SEQ ID NO: 43:

US-10-174-717A-43

Query Match, Best Local Similarity 100.0%; Score 16; DB 6; Length 5;
Matches 2; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
Qy 1 RW 2
Db 2 RW 3

RESULT 35
US-10-174-717A-44

Sequence 44, Application US/10174717A
APPLICANT: Koide, Shohel
TITLE OF INVENTION: ARTIFICIAL ANTIBODY POLYPEPTIDES
NUMBER OF SEQUENCES: 118
CORRESPONDENCE ADDRESS:
ADDRESSEE: Schwegman, Lundberg, Woessner & Kluth P.A.
STREET: 121 South Eighth Street, St. 1600
CITY: Minneapolis
STATE: MN
COUNTRY: USA
ZIP: 55402

COMPUTER READABLE FORM:
 MEDIUM TYPE: Diskette
 COMPUTER: IBM Compatible
 OPERATING SYSTEM: WINDOWS
 SOFTWARE: FastSEQ Version 2.0b
 CURRENT APPLICATION DATA:
 APPLICATION NUMBER: US/10/174,717A
 FILING DATE: 18-Jun-2002
 PRIORITY APPLICATION DATA:
 APPLICATION NUMBER: 09/096,749
 FILING DATE: June 12, 1998
 APPLICATION NUMBER: 60/049,410
 FILING DATE: June 12, 1997
 ATTORNEY/AGENT INFORMATION:
 NAME: Ann S. Vaksnins
 TELECOMMUNICATION INFORMATION:
 REFERENCE/DOCKET NUMBER: 37,748
 REGISTRATION NUMBER: 109.034US4
 REFERENCE/DOCKET NUMBER: 109.034US4

INFORMATION FOR SEQ ID NO: 46:
 SEQUENCE CHARACTERISTICS:
 LENGTH: 5 amino acids
 TYPE: amino acid
 STRANDEDNESS: single
 TOPOLogy: linear
 MOLECULE TYPE: peptide
 HYPOTHETICAL: NO
 ANTI-SENSE: NO
 FRAGMENT TYPE: internal
 ORIGINAL SOURCE:
 SEQUENCE DESCRIPTION: SEQ ID NO: 46:
 US-10-174-717A-46

Query Match	Score	DB	Length	Matches	Best Local Similarity	Pred.	No.	Mismatches	Indels	Gaps
Qy	100.0%	16	5	2	100.0%	3.9e+05	0	0	0	0
Db	100.0%	6	5	2	100.0%	3.9e+05	0	0	0	0

RESULT 36
 US-10-174-717A-46
 Sequence 46, Application US/10174717A
 APPLICANT: Koide, Shohel
 TITLE OF INVENTION: ARTIFICIAL ANTIBODY POLYPEPTIDES
 NUMBER OF SEQUENCES: 118
 NUMBER OF SEQUENCES: 118
 CORRESPONDENCE ADDRESS:
 ADDRESSEE: Schwegman, Lundberg, Woessner & Kluth P.A.
 STREET: 121 South Eighth Street, St. 1600
 CITY: Minneapolis
 STATE: MN
 COUNTRY: USA
 ZIP: 55402

COMPUTER READABLE FORM:
 MEDIUM TYPE: Diskette
 COMPUTER: IBM Compatible
 OPERATING SYSTEM: WINDOWS
 SOFTWARE: FastSEQ Version 2.0b
 CURRENT APPLICATION DATA:
 APPLICATION NUMBER: US/10/174,717A
 PRIORITY APPLICATION DATA:
 APPLICATION NUMBER: 09/096,749
 FILING DATE: 18-Jun-2002
 APPLICATION NUMBER: 60/049,410
 FILING DATE: June 12, 1998
 APPLICATION NUMBER: 60/049,410
 FILING DATE: June 12, 1997
 ATTORNEY/AGENT INFORMATION:
 NAME: Ann S. Vaksnins
 TELECOMMUNICATION INFORMATION:
 REFERENCE/DOCKET NUMBER: 37,748
 REGISTRATION NUMBER: 109.034US4
 REFERENCE/DOCKET NUMBER: 109.034US4

INFORMATION FOR SEQ ID NO: 59:
 SEQUENCE CHARACTERISTICS:
 LENGTH: 5 amino acids
 TYPE: amino acid
 STRANDEDNESS: single
 TOPOLogy: linear
 MOLECULE TYPE: peptide
 HYPOTHETICAL: NO
 ANTI-SENSE: NO
 FRAGMENT TYPE: internal
 ORIGINAL SOURCE:
 SEQUENCE DESCRIPTION: SEQ ID NO: 59:
 US-10-174-717A-55

Query Match 100.0%; Score 16; DB 6; Length 5;
 Best Local Similarity 100.0%; Pred. No. 3.9e+05;
 Matches 2; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 RW 2
 Db 1 1
 Db 1 RW 2

RESULT 38
 US-10-174-717A-67
 Sequence 67, Application US/10174717A
 APPLICANT: Koide, Shohel
 TITLE OF INVENTION: ARTIFICIAL ANTIBODY POLYPEPTIDES
 NUMBER OF SEQUENCES: 118
 CORRESPONDENCE ADDRESS:
 ADDRESSEE: Schwegman, Lundberg, Woessner & Kluth P.A.
 STREET: 121 South Eighth Street, St. 1600
 CITY: Minneapolis
 STATE: MN
 COUNTRY: USA
 ZIP: 55402

COMPUTER READABLE FORM:
 MEDIUM TYPE: Diskette
 COMPUTER: IBM Compatible
 OPERATING SYSTEM: WINDOWS
 SOFTWARE: FASTSEQ Version 2.0b

CURRENT APPLICATION DATA:
 APPLICATION NUMBER: US/10/174,717A
 PRIORITY DATE: 18-Jun-2002
 PRIORITY APPLICATION DATA:
 APPLICATION NUMBER: 09/096,749
 FILING DATE: June 12, 1998
 APPLICATION NUMBER: 60/049,410
 FILING DATE: June 12, 1997

ATTORNEY/AGENT INFORMATION:
 NAME: Ann S. Viskins
 REGISTRATION NUMBER: 37,748
 REFERENCE/DOCKET NUMBER: 109.034USA4

TELECOMMUNICATION INFORMATION:
 TELEPHONE: (612) 373-6900
 TELEFAX: (612) 373-3061

INFORMATION FOR SEQ ID NO: 67:
 SEQUENCE CHARACTERISTICS:
 LENGTH: 5 amino acids
 TYPE: amino acid

SEQUENCE DESCRIPTION: SEQ ID NO: 67:
 US-10-174-717A-67

Query Match 100.0%; Score 16; DB 6; Length 5;
 Best Local Similarity 100.0%; Pred. No. 3.9e+05;
 Matches 2; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 RW 2
 Db 1 1
 Db 2 RW 3

RESULT 40
 US-10-174-717A-76
 Sequence 76, Application US/10174717A
 APPLICANT: Koide, Shohel
 TITLE OF INVENTION: ARTIFICIAL ANTIBODY POLYPEPTIDES
 NUMBER OF SEQUENCES: 118
 CORRESPONDENCE ADDRESS:
 ADDRESSEE: Schwegman, Lundberg, Woessner & Kluth P.A.
 STREET: 121 South Eighth Street, St. 1600
 CITY: Minneapolis
 STATE: MN
 COUNTRY: USA
 ZIP: 55402

COMPUTER READABLE FORM:
 MEDIUM TYPE: Diskette
 COMPUTER: IBM Compatible
 OPERATING SYSTEM: WINDOWS
 SOFTWARE: FASTSEQ Version 2.0b

CURRENT APPLICATION DATA:
 APPLICATION NUMBER: US/10/174,717A
 PRIORITY APPLICATION DATA:
 APPLICATION NUMBER: 09/096,749
 FILING DATE: June 12, 1998
 APPLICATION NUMBER: 60/049,410

ATTORNEY/AGENT INFORMATION:
 NAME: Ann S. Viskins
 REGISTRATION NUMBER: 37,748
 REFERENCE/DOCKET NUMBER: 109.034USA4

TELECOMMUNICATION INFORMATION:
 TELEPHONE: (612) 373-6900
 TELEFAX: (612) 373-3061

SEQUENCE DESCRIPTION: SEQ ID NO: 74:
 US-10-174-717A-74

Query Match 100.0%; Score 16; DB 6; Length 5;
 Best Local Similarity 100.0%; Pred. No. 3.9e+05;
 Matches 2; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 RW 2
 Db 1 1
 Db 2 RW 3

RESULT 39
 US-10-174-717A-74
 Sequence 74, Application US/10174717A
 APPLICANT: Koide, Shohel
 TITLE OF INVENTION: ARTIFICIAL ANTIBODY POLYPEPTIDES
 NUMBER OF SEQUENCES: 118
 CORRESPONDENCE ADDRESS:
 ADDRESSEE: Schwegman, Lundberg, Woessner & Kluth P.A.

FILING DATE: June 12, 1997
 ATTORNEY/AGENT INFORMATION:
 NAME: Ann S. Viskins
 REFERENCE NUMBER: 37,748
 TELECOMMUNICATION INFORMATION:
 TELEPHONE: (612) 373-6900
 TELEFAX: (612) 339-3061
 INFORMATION FOR SEQ ID NO: 76:
 SEQUENCE CHARACTERISTICS:
 LENGTH: 5 amino acids
 TYPE: amino acid
 STRANDEDNESS: single
 TOPOLOGY: linear
 MOLECULE TYPE: peptide
 HYPOTHETICAL: NO
 ANTI-SENSE: NO
 FRAGMENT TYPE: internal
 ORIGINAL SOURCE:
 SEQUENCE DESCRIPTION: SEQ ID NO: 76:
 ; US-10-174-717A-76

Query Match 100.0%; Score 16; DB 6; Length 5;
 Best Local Similarity 100.0%; Pred. No. 3.9e+05;
 Matches 2; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
 Qy 1 RW 2
 Db 2 RW 3

RESULT 41
 US-10-174-717A-78
 ; Sequence 78, Application US/10174717A
 ; APPLICANT: Koide, Shohei
 TITLE OF INVENTION: ARTIFICIAL ANTIBODY POLYPEPTIDES
 NUMBER OF SEQUENCES: 118
 CORRESPONDENCE ADDRESS:
 ADDRESSEE: Schwegman, Lundberg, Woessner & Kluth P.A.
 STREET: 121 South Eighth Street, St. 1600
 CITY: Minneapolis
 STATE: MN
 COUNTRY: USA
 ZIP: 55402

COMPUTER READABLE FORM:
 COMPUTER: IBM Compatible
 OPERATING SYSTEM: WINDOWS
 SOFTWARE: FastSeq Version 2.0b
 CURRENT APPLICATION DATA:
 APPLICATION NUMBER: US/10/174,717A
 FILING DATE: 18-Jun-2002

PRIOR APPLICATION DATA:
 APPLICATION NUMBER: 09/096,749
 FILING DATE: June 12, 1998
 APPLICATION NUMBER: 60/049,410
 FILING DATE: June 12, 1997

ATTORNEY/AGENT INFORMATION:
 NAME: Ann S. Viskins
 REFERENCE NUMBER: 37,748
 TELECOMMUNICATION INFORMATION:
 TELEPHONE: (612) 373-6900
 INFORMATION FOR SEQ ID NO: 80:
 SEQUENCE CHARACTERISTICS:
 LENGTH: 5 amino acids
 TYPE: amino acid
 STRANDEDNESS: single
 TOPOLOGY: linear
 MOLECULE TYPE: peptide
 HYPOTHETICAL: NO
 ANTI-SENSE: NO
 FRAGMENT TYPE: internal
 ORIGINAL SOURCE:
 SEQUENCE DESCRIPTION: SEQ ID NO: 80:
 ; US-10-174-717A-80

Query Match 100.0%; Score 16; DB 6; Length 5;
 Best Local Similarity 100.0%; Pred. No. 3.9e+05;
 Matches 2; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
 Qy 1 RW 2
 Db 3 RW 4

RESULT 43
 US-10-174-717A-82
 ; Sequence 82, Application US/10174717A

APPLICANT: Koide, Shohel
 TITLE OF INVENTION: ARTIFICIAL ANTIBODY POLYPEPTIDES
 NUMBER OF SEQUENCES: 118
 CORRESPONDENCE ADDRESS:
 ADDRESSEE: Schwegman, Lundberg, Woessner & Kluth P.A.
 STREET: 121 South Eighth Street, St. 1600
 CITY: Minneapolis
 STATE: MN
 COUNTRY: USA
 ZIP: 55402

COMPUTER READABLE FORM:

MEDIUM TYPE: Diskette
 COMPUTER: IBM Compatible
 OPERATING SYSTEM: WINDOWS
 SOFTWARE: FastSEQ Version 2.0b

CURRENT APPLICATION DATA:
 APPLICATION NUMBER: US/10/174,717A
 FILING DATE: 18-Jun-2002
 PRIORITY APPLICATION DATA:
 APPLICATION NUMBER: 09/096,749
 FILING DATE: Jun 12, 1998
 CURRENT APPLICATION DATA:
 APPLICATION NUMBER: US/10/174,717A
 FILING DATE: Jun 12, 1997

ATTORNEY/AGENT INFORMATION:
 NAME: Ann S. Viskins
 REGISTRATION NUMBER: 37,748
 REFERENCE/DOCKET NUMBER: 109.034US4

PRIOR APPLICATION DATA:
 APPLICATION NUMBER: 09/096,749
 FILING DATE: June 12, 1998
 APPLICATION NUMBER: 60/049,410
 FILING DATE: June 12, 1997
 ATTORNEY/AGENT INFORMATION:
 NAME: Ann S. Viskins
 REGISTRATION NUMBER: 37,748
 REFERENCE/DOCKET NUMBER: 109.034US4

TELECOMMUNICATION INFORMATION:
 TELEPHONE: (612) 373-6500
 TELEFAX: (612) 339-3061

INFORMATION FOR SEQ ID NO: 84:

SEQUENCE CHARACTERISTICS:
 LENGTH: 5 amino acids

MOLECULE TYPE: peptide
 TOPOLogy: linear
 HYPOThetical: NO
 ANTI-SENse: NO

FRAGMENT TYPE: internal
 ORIGINAL SOURCE:

SEQUENCE DESCRIPTION: SEQ ID NO: 84:
 ;US-10-174-717A-84

Query Match
 Best Local Similarity 100.0%; Pred. No. 3.9e+05; Length 5;

Matches 2; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 RW 2
 |||
 Db 2 RW 3

RESULT 45
 US-10-174-717A-86

Sequence 86, Application US/10174717A
 APPLICANT: Koide, Shohel
 TITLE OF INVENTION: ARTIFICIAL ANTIBODY POLYPEPTIDES

NUMBER OF SEQUENCES: 118
 CORRESPONDENCE ADDRESS:
 ADDRESSEE: Schwegman, Lundberg, Woessner & Kluth P.A.
 STREET: 121 South Eighth Street, St. 1600
 CITY: Minneapolis
 STATE: MN
 COUNTRY: USA
 ZIP: 55402

COMPUTER READABLE FORM:
 MEDIUM TYPE: Diskette
 COMPUTER: IBM Compatible
 OPERATING SYSTEM: WINDOWS
 SOFTWARE: FastSEQ Version 2.0b

CURRENT APPLICATION DATA:
 APPLICATION NUMBER: US/10/174,717A

PRIOR APPLICATION DATA:
 APPLICATION NUMBER: 09/096,749
 FILING DATE: June 12, 1998

FILING DATE: June 12, 1997
 APPLICATION NUMBER: 60/049,410
 FILING DATE: June 12, 1997

ATTORNEY/AGENT INFORMATION:
 NAME: Ann S. Viskins
 REGISTRATION NUMBER: 37,748
 REFERENCE/DOCKET NUMBER: 109.034US4

TELECOMMUNICATION INFORMATION:
 TELEPHONE: (612) 373-6500
 TELEFAX: (612) 339-3061

INFORMATION FOR SEQ ID NO: 86:

SEQUENCE CHARACTERISTICS:
 LENGTH: 5 amino acids

MOLECULE TYPE: peptide
 TOPOLogy: linear
 HYPOThetical: NO
 ANTI-SENse: NO

FRAGMENT TYPE: internal
 ORIGINAL SOURCE:

SEQUENCE DESCRIPTION: SEQ ID NO: 86:
 ;US-10-174-717A-82

Query Match
 Best Local Similarity 100.0%; Pred. No. 3.9e+05; Length 5;

Matches 2; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 RW 2
 |||
 Db 2 RW 3

RESULT 44
 US-10-174-717A-84

Sequence 84, Application US/10174717A
 APPLICANT: Koide, Shohel
 TITLE OF INVENTION: ARTIFICIAL ANTIBODY POLYPEPTIDES

NUMBER OF SEQUENCES: 118
 CORRESPONDENCE ADDRESS:
 ADDRESSEE: Schwegman, Lundberg, Woessner & Kluth P.A.
 STREET: 121 South Eighth Street, St. 1600
 CITY: Minneapolis
 STATE: MN
 COUNTRY: USA
 ZIP: 55402

COMPUTER READABLE FORM:
 MEDIUM TYPE: Diskette
 COMPUTER: IBM Compatible
 OPERATING SYSTEM: WINDOWS
 SOFTWARE: FastSEQ Version 2.0b

CURRENT APPLICATION DATA:
 APPLICATION NUMBER: US/10/174,717A

PRIOR APPLICATION DATA:
 APPLICATION NUMBER: 09/096,749
 FILING DATE: June 12, 1998

FILING DATE: June 12, 1997
 APPLICATION NUMBER: 60/049,410
 FILING DATE: June 12, 1997

ATTORNEY/AGENT INFORMATION:
 NAME: Ann S. Viskins
 REGISTRATION NUMBER: 37,748
 REFERENCE/DOCKET NUMBER: 109.034US4

TELECOMMUNICATION INFORMATION:
 TELEPHONE: (612) 373-6500
 TELEFAX: (612) 339-3061

INFORMATION FOR SEQ ID NO: 86:

SEQUENCE CHARACTERISTICS:
 LENGTH: 5 amino acids

MOLECULE TYPE: peptide
 TOPOLogy: linear
 HYPOThetical: NO
 ANTI-SENse: NO

FRAGMENT TYPE: internal
 ORIGINAL SOURCE:

STRANDEDNESS: single
MOLECULE TYPE: peptide
HYPOTHETICAL: NO

ANTI-SENSE: NO
FRAGMENT TYPE: internal
ORIGINAL SOURCE:
SEQUENCE DESCRIPTION: SEQ ID NO: 86:

RESULT 46
US-10-174-717A-88
Sequence 88, Application US/10174717A
APPLICANT: Koide, Shohei
TITLE OF INVENTION: ARTIFICIAL ANTIBODY POLYPEPTIDES
NUMBER OF SEQUENCES: 118
CORRESPONDENCE ADDRESS:
ADDRESSEE: Schweigman, Lundberg, Woessner & Kluth P.A.
STREET: 121 South Eighth Street, St. 1600
CITY: Minneapolis
STATE: MN
COUNTRY: USA
ZIP: 55402

RESULT 47
US-10-174-717A-90
Sequence 90, Application US/10174717A
APPLICANT: Koide, Shohei
TITLE OF INVENTION: ARTIFICIAL ANTIBODY POLYPEPTIDES
NUMBER OF SEQUENCES: 118
CORRESPONDENCE ADDRESS:
ADDRESSEE: Schweigman, Lundberg, Woessner & Kluth P.A.
STREET: 121 South Eighth Street, St. 1600
CITY: Minneapolis
STATE: MN
COUNTRY: USA
ZIP: 55402

COMPUTER READABLE FORM:
MEDIUM TYPE: Diskette
COMPUTER: IBM Compatible
OPERATING SYSTEM: WINDOWS
SOFTWARE: FastSEQ Version 2.0b
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/10/174,717A
FILING DATE: 18-Jun-2002
PRIORITY APPLICATION DATA:
APPLICATION NUMBER: 09/096,749
FILING DATE: June 12, 1998
APPLICATION NUMBER: 60/049,410
FILING DATE: June 12, 1997
ATTORNEY/AGENT INFORMATION:
NAME: Ann S. Visknins
REGISTRATION NUMBER: 37,748
REFERENCE/DOCKET NUMBER: 109.034USA4
TELECOMMUNICATION INFORMATION:
TELEPHONE: (612) 373-6900
TELEFAX: (612) 339-3061

INFORMATION FOR SEQ ID NO: 90:
SEQUENCE CHARACTERISTICS:
LENGTH: 5 amino acids
TYPE: amino acid
STRANDEDNESS: single
MOLECULE TYPE: peptide
HYPOTHETICAL: NO
ANTI-SENSE: NO
FRAGMENT TYPE: internal
ORIGINAL SOURCE:
SEQUENCE DESCRIPTION: SEQ ID NO: 90:

RESULT 48
US-10-174-717A-92
Sequence 92, Application US/10174717A
APPLICANT: Koide, Shohei
TITLE OF INVENTION: ARTIFICIAL ANTIBODY POLYPEPTIDES
NUMBER OF SEQUENCES: 118
CORRESPONDENCE ADDRESS:
ADDRESSEE: Schweigman, Lundberg, Woessner & Kluth P.A.
STREET: 121 South Eighth Street, St. 1600
CITY: Minneapolis
STATE: MN
COUNTRY: USA
ZIP: 55402

COMPUTER READABLE FORM:
MEDIUM TYPE: Diskette

COMPUTER READABLE FORM:
MEDIUM TYPE: Diskette
OPERATING SYSTEM: WINDOWS
SOFTWARE: FastSEQ Version 2.0b
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/10/174,717A
FILING DATE: 18-Jun-2002
PRIORITY APPLICATION DATA:
APPLICATION NUMBER: 09/096,749
FILING DATE: June 12, 1998
APPLICATION NUMBER: 60/049,410
FILING DATE: June 12, 1997
ATTORNEY/AGENT INFORMATION:
NAME: Ann S. Visknins
REGISTRATION NUMBER: 37,748
REFERENCE/DOCKET NUMBER: 109.034USA4
TELECOMMUNICATION INFORMATION:
TELEPHONE: (612) 373-6900
TELEFAX: (612) 339-3061

INFORMATION FOR SEQ ID NO: 88:
SEQUENCE CHARACTERISTICS:
LENGTH: 5 amino acids
TYPE: amino acid
STRANDEDNESS: single
MOLECULE TYPE: peptide
HYPOTHETICAL: NO
ANTI-SENSE: NO
FRAGMENT TYPE: internal
ORIGINAL SOURCE:
SEQUENCE DESCRIPTION: SEQ ID NO: 88:

RESULT 49
Query Match 100.0%; Score 16; DB 6; Length 5;
Best Local Similarity 100.0%; Pred. No. 3.9e+05;
Matches 2; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
QY 1 RW 2
Db 3 RW 4

Query Match 100.0%; Score 16; DB 6; Length 5;
Best Local Similarity 100.0%; Pred. No. 3.9e+05;
Matches 2; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
QY 1 RW 2
Db 3 RW 4

COMPUTER: IBM Compatible
OPERATING SYSTEM: WINDOWS
SOFTWARE: FASTSEQ Version 2.0b
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/10/174,717A
FILING DATE: 18-Jun-2002
PRIORITY APPLICATION DATA:
APPLICATION NUMBER: 09/096,749
FILING DATE: June 12, 1998
APPLICATION NUMBER: 60/049,410
FILING DATE: June 12, 1997
ATTORNEY/AGENT INFORMATION:
NAME: Ann S. Viskins
REGISTRATION NUMBER: 37,748
REFERENCE/DOCKET NUMBER: 109.034US4
TELECOMMUNICATION INFORMATION:
TELEPHONE: (612) 373-6900
TELEFAX: (612) 339-3061
INFORMATION FOR SEQ ID NO: 92:
SEQUENCE CHARACTERISTICS:
SEQUENCE: 5 amino acids
LENGTH: 5 amino acids
TYPE: amino acid
STRANDEDNESS: single
TOPOLogy: linear
MOLECULE TYPE: peptide
HYPOTHETICAL: NO
ANTI-SENSE: NO
FRAGMENT TYPE: internal
ORIGINAL SOURCE:
SEQUENCE DESCRIPTION: SEQ ID NO: 102:
US-10-174-717A-102
Query Match 100.0%; Score 16; DB 6; Length 5;
Best Local Similarity 100.0%; Pred. No. 3.9e+05;
Matches 2; Conservative 0; Mismatches 0; Indels 0;
QY 1 RW 2
Db 3 RW 4
RESULT 49
US-10-174-717A-102
Sequence 102, Application US/10174717A
APPLICANT: Koida, Shohel
TITLE OF INVENTION: ARTIFICIAL ANTIBODY POLYPEPTIDES
NUMBER OF SEQUENCES: 118
CORRESPONDENCE ADDRESS:
ADDRESSEE: Schwegman, Lundberg, Woessner & Kluth P.A.
STREET: 121 South Eighth Street, St. 1600
CITY: Minneapolis
STATE: MN
COUNTRY: USA
ZIP: 55402
COMPUTER READABLE FORM:
MEDIUM TYPE: Diskette
COMPUTER: IBM Compatible
OPERATING SYSTEM: WINDOWS
SOFTWARE: FASTSEQ Version 2.0b
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/10/174,717A
FILING DATE: 18-Jun-2002
PRIORITY APPLICATION DATA:
APPLICATION NUMBER: 09/096,749
FILING DATE: June 12, 1998
APPLICATION NUMBER: 60/049,410
FILING DATE: June 12, 1997
ATTORNEY/AGENT INFORMATION:
NAME: Ann S. Viskins
REGISTRATION NUMBER: 37,748
REFERENCE/DOCKET NUMBER: 109.034US4
TELECOMMUNICATION INFORMATION:
TELEPHONE: (612) 373-6900
TELEFAX: (612) 339-3061
INFORMATION FOR SEQ ID NO: 104:
SEQUENCE CHARACTERISTICS:
SEQUENCE: 5 amino acids
LENGTH: 5 amino acids
TYPE: amino acid
STRANDEDNESS: single
TOPOLogy: linear
MOLECULE TYPE: peptide
HYPOTHETICAL: NO
ANTI-SENSE: NO
FRAGMENT TYPE: internal
ORIGINAL SOURCE:
SEQUENCE DESCRIPTION: SEQ ID NO: 104:
US-10-174-717A-104
Query Match 100.0%; Score 16; DB 6; Length 5;
Best Local Similarity 100.0%; Pred. No. 3.9e+05;

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	Matches	2;	Conservative	0;	Mismatches	0;	Indels	0;	Gaps	0;
QY	1	RW	2							
	1	1								
Db	2	RW	3							

Search completed: February 21, 2003, 12:37:10
Job time : 57 secs